DAR New Features

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Goals:

- Support for multiple platforms.
- More control over the runtime environment
- Minor bug fixes and improvements.

New features are implemented in DAR-1.

Latest tag (Dec, 15, 2004) :

multiple_platforms_1 , dar 1.13/1.41

- These are ad hoc solutions for the Christmas DST Production.
- User's feedback is appreciated.

Support for multiple platforms

- Architecture can be specified in the *refdbdar configuration file*: $HOME/.refdbdarrc or $REFDBDARRC
- DAR accepts additional third argument <*architecture*> :
- **Architecture names should correspond to the scram architecture!**
- DAR file name now contains the architecture: Example: ORCA_8_7_1.Linux__2.4_dar.tar.gz
- Additional architecture sublevel is added in the internal structure of distributions.
- Runtime environment scripts are architecture dependent
- For backward compatibility link on top level is provided.

More Control Over Runtime Environment

- Added possibility to source pre-setup and post-setup environment scripts.
- If present in the distribution, pre-setup scripts is sourced *before* DAR runtime environment is set. This can be used to clear up unwanted environment
  - *this feature is currently used by refdbdar to unset all *_PATH variables before setting OSCAR runtime environment.*
- If present in the distribution, post-setup scripts is sourced *after* DAR runtime environment is set. This can be used to unset unwanted environment, and/or make other adjustments.
- Scripts are fetched from the values of $DAR_PRE_SET_CSH and $DAR_PRE_SET_SH variables during the creation of the DARball.

How To Get DAR

cmscvsroot OCTOPUS

or

project OCTOPUS

Check out:

cvs co –r multiple_platforms_1 DAR

- This version is available in default CERN environment
- Questions, feedback, eventual bug reports can be submitted to Savannah-> OCTOPUS-> DAR or e-mailed to natasha@fnal.gov.